

HIGH DESERT INTERCONNECTION STUDY SCOPE

1. Study Scope
 - a) The study will assume a nominal 700 MW project size
 - b) The interconnection requirements will address the system improvements that would be required to interconnect the project at Edison's Victor 230 kV and maintain reliability of the transmission network. These system improvements will exclude requirements that could be mitigated by congestion management which falls under ISO responsibilities.
 - c) The study will include a brief analysis of the likely extent, location and basis of any congestion caused by the new project.
2. Loads and Resources
 - a) Assumed loads, resources and imports will be based on the year 2001.
 - b) Generation assumptions will be based on the year 2001 levels and will conform with Edison's operating criteria.
 - c) Likely imports will include West of the River(WOR), East of the River (EOR), Southern California Import Transmission SCIT), Pacific Gas & Electric (PG&E), SDG&E, and Pacific DC Intertie, as appropriate. ISO requested sensitivities for maximum import limits or the highest recorded plus some margin.
 - d) Existing or anticipated remedial action schemes which are expected to be in place by 2001 will be included.
3. Sensitivity Studies
 - a) Sensitivity studies will include minimum load conditions for the 700 MW project.
 - b) Edison will consider the existing must run generation only, ISO is already considering alternatives to the must run generation for years beyond 1998.¹
 - c) Post transient limited analyses outages will be performed.
 - d) Transient Stability limited outages will be performed for purposes of determining interconnection requirements for the project.
 - e) Edison will consider on-peak and off-peak conditions.
 - f) Edison will consider the effect of the three most likely power plant configurations (678 to 830MW)
 - g) Loss analysis is not relevant to the interconnection requirements since the ISO will be developing the Generator Meter Multiplier at the delivery point of the project in accordance with its own protocols.
 - h) Simulations will include short circuit analyses to determine effects of the project on circuit breakers.
4. Schedule and Milestone Review
 - a) The study will be completed and distributed to the ISO and Hi-Desert Power Project by April 17, 1998.
 - b) A study schedule will be prepared and will include appropriate milestone dates for review of the base cases, a list of contingencies, results of reliability

¹ Consideration of only the existing must run generation is consistent with the assumptions regarding in-basin generation in HDPP's Stage 1 studies. HDPP Stage II studies reflected Edison's proposed transmission additions to mitigate must-run requirements. Because such additions are not being pursued at this time, it is not necessary to do a Stage II analysis.

assessments including criteria violations, and facility requirement options to mitigate possible criteria violations.